

REMARKS

Claims 1, 2, 4-6, 8 and 9 are pending in the application. Claims 1, 2, 4-6, 8 and 9 are rejected. Claim 1 has been amended.

Claims 1, 2, 4-6, 8, and 9 were rejected under 35 USC 112 first paragraph. The claims have been amended and are now believed to be allowable under 35 USC 112 first paragraph.

Claims 1, 2, 4-6, 8, and 9 were rejected under 35 USC 112 second paragraph. The claims have been amended and are now believed to be allowable under 35 USC 112 second paragraph.

Claims 1 and 5 were rejected under 35 USC 103(a) as being unpatentable over Nguyen in view of Bardotti. Claims 1 and 5 were rejected under 35 USC 102(e) as being anticipated by Nguyen. Claims 2, 4, 6, 8, and 9 were rejected under 103(a) as being unpatentable over Nguyen in view of Boynton. Claims 2, 4, 6, 8, and 9 were rejected under 103(a) as being unpatentable over Nguyen in view of Bardotti and further in view of Boynton. Claim 1 includes "... a multiplexer coupled between the memory and the plurality of interconnection pads wherein the universal interface device concurrently interfaces with the plurality of different peripheral devices using time division multiplexing of the plurality of interconnection pads." The references of record do not show, teach, or suggest the above recited limitation of claim 1. The references do not disclose concurrently interfacing with the plurality of different peripheral devices using time division multiplexing. The multiplexer disclosed in Claim 15 of Nguyen is not referred to as a time division multiplexer coupled between the

memory and the interconnection pads. Nothing in Nguyen suggests that the multiplexer is for time division multiplexing. Bardotti discloses providing fixed intervals of time to the peripherals, not concurrently communicating with the peripherals using time division multiplexing. Claims 2, 4-6, 8, and 9 depend from claim 1. Therefore claims 1, 2, 4-6, 8 and 9 are believed to be allowable over the references of record.

It is believed that the above remarks and amendments are fully responsive to the Official Action. Reconsideration and allowance are therefore respectfully requested.

Respectfully submitted,

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